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APPLICATION NO.	1	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/734,834		12/12/2003	Toshimasa Tanaka	81876.0059	1938
26021	7590	06/07/2006		EXAM	INER
		SON L.L.P.	ROSE, KIESHA L		
500 S. GRA SUITE 190		INUE		ART UNIT	PAPER NUMBER
LOS ANGELES, CA 90071-2611				2822	
				DATE MAILED: 06/07/2000	·

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No.	Applicant(s)					
10/734,834	TANAKA ET AL.					
Examiner	Art Unit					
Kiesha L. Rose	2822					
pears on the cover sheet with t	the correspondence address					
DATE OF THIS COMMUNICA .136(a). In no event, however, may a reply	be timely filed From the mailing date of this communication. DONED (35 U.S.C. § 133).					
February 2006.						
This action is FINAL . 2b)⊠ This action is non-final.						
Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
Ex parte Quayle, 1935 C.D. 1	1, 453 O.G. 213.					
on.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
☑ Claim(s) <u>22-31</u> is/are rejected.						
or election requirement.						
ner.						
cepted or b) objected to by	the Examiner.					
e drawing(s) be held in abeyance.	See 37 CFR 1.85(a).					
ction is required if the drawing(s) i	is objected to. See 37 CFR 1.121(d).					
Examiner. Note the attached O	ffice Action or form PTO-152.					
n priority under 35 U.S.C. & 11	19(a)-(d) or (f)					
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4) Interview Sum						
	lail Date mal Patent Application (PTO-152)					
6) Other:	,,					
	Examiner Kiesha L. Rose Opears on the cover sheet with LY IS SET TO EXPIRE 3 MON DATE OF THIS COMMUNICA 136(a). In no event, however, may a reply it will apply and will expire SIX (6) MONTHS te, cause the application to become ABAN ing date of this communication, even if time Eebruary 2006. is action is non-final. ance except for formal matters Ex parte Quayle, 1935 C.D. 1 on. awn from consideration. or election requirement. er. cepted or b) objected to by drawing(s) be held in abeyance. ction is required if the drawing(s) examiner. Note the attached On in priority under 35 U.S.C. § 17 ats have been received. ats have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents have been received at have been received in Apple ority documents					

DETAILED ACTION

This Office Action is in response to the RCE filed 13 February 2006.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 22-31 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter, which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claims 22-31 discloses the associated capacitor (first stage capacitor) has a voltage dependent capacitance under a given applied voltage and has a different structure, a low resistance and a large area in comparison with at least one of the other capacitors of the subsequent stages. This limitation is new matter.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

Application/Control Number: 10/734,834

Art Unit: 2822

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 22-26 and 29-31, as far as understood, are rejected under 35 U.S.C. 102(e) as being anticipated by Applicant's Prior Art (Figures 1 and 4).

Applicant's Prior Art (Figures 1 and 4) discloses a driver for driving a load with a secondary power supply voltage (Vo (15V)) obtained by stepping a primary supply voltage level (Vcc (3V)) using a charge pump circuit (11) that has a multiplicity of stages (C1-Cn), each of the stages including a switching element (Sw (Fig. 4)) and a capacitor(C), wherein an associated capacitor (first-stage capacitor) (C1) of the first stage is energized by the one voltage (3V) impressed on the capacitors of the multiplicity of stages that is closest to the value of the primary supply voltage level, where the primary supply level comprises the primary power supply voltage level and where the primary supply voltage is stepped up to provide the secondary power supply voltage and each of the stages is stepped up stage (Fig. 4 (the voltage is stepped up)) and where the associate capacitor (first-stage capacitor) has a lower internal resistance than the capacitors of the subsequent stages.

Response to Arguments

Applicant's arguments with respect to claims 22-31 have been considered but are moot in view of the new ground(s) of rejection.

Art Unit: 2822

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiesha L. Rose whose telephone number is 571-272-1844. The examiner can normally be reached on T-F 8:30-6:00 off Mondays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zandra Smith can be reached on 571-272-2429. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.